

IN THE SPECIFICATION

Please replace the paragraph at page 13, line 4 to page 14, line 1, with the following rewritten paragraph:

A description is now given, with reference to FIG. 4, of the stick and slip motion.

When the blade nip sticks to the surface of the moving image carrier 111, the blade nip is forced to extend in the rotational direction of the image carrier 111 (the A direction) as indicated by a broken line in FIG. 4. When the blade nip is extended to a certain position, the repulsion of the blade 101 becomes so large that the blade nip slides on the surface of the image carrier 111 when a static frictional force and the repulsion are balanced. When the blade nip slides on the image carrier, a coefficient of dynamic friction is smaller than a coefficient of static friction. Accordingly, the blade nip returns to its original position (indicated by a solid line) while slipping on the surface of the image carrier 111. The returning force of the repeated stick and slip motion (whose range is indicated by SP in FIG. 4) causes the toner Ta remaining in the wedge-like nip part N to receive a force to return the toner Ta in the direction opposite to the traveling direction of the image carrier 111. As a result, the toner Ta is cleaned.

Please replace the paragraph at page 20, line 22 to page 21, line 11, with the following rewritten paragraph:

The above-described cleaning units are configured to transmit vibration efficiently to the end part of the blade member so that the vibration causes vibration to be transmitted to toner existing between the end of the blade member and the image carrier and the vibration of the end part of the blade member is transmitted to the image carrier. Vibration is also transmitted from the image carrier to the toner. These vibrations apply vibration vibrations so that the nip part of the blade is shaped and moves differently from the conventional blade

nip part. As a result, spherical toner or small-size toner is prevented from entering the blade nip part, so that cleaning deficiency can be eliminated with respect to the spherical toner and the small-size toner.

Please replace the paragraph at page 40, line 20 to page 41, line 9, with the following rewritten paragraph:

A single layer or [[more]] plural layers of other members may be interposed between the blade 21 and the vibration member 22 depending on a method of manufacturing a thin urethane blade. For instance, at the time of forming a thin urethane blade, the urethane blade is joined to and formed integrally with a ready-made film of resin having a higher hardness than urethane, such as PET. This increases the handling characteristic of cutting work for obtaining a sharp edge for the nip part of the blade 21. In this case, after performing cutting processing on the integration of PET and urethane, the PET side of the processed integration (the blade 21) is joined to the vibration member 22 so that the blade 21 is attached thereto.

Please replace lines 10-11 at page 48, with the following rewritten text:

~~Method of driving the vibration application cleaning blade 20~~

Method of driving the vibration application cleaning blade 20

Please replace the paragraph at page 50, lines 3-5, with the following rewritten paragraph:

Next, a description is given of the toner, or developing particles, used in this embodiment of the present invention.

Please replace line 6 at page 50, with the following rewritten text:

~~Toner~~ Toner

Please replace line 17 at page 54, with the following rewritten text:

~~Suspension Polymerization~~ Suspension Polymerization

Please replace line 1 at page 60, with the following rewritten text:

~~Dispersion Polymerization~~ Dispersion Polymerization

Please replace line 17 at page 84, with the following rewritten text:

~~Synthesis of Toner Binder~~ Synthesis of Toner Binder

Please replace line 6 at page 85, with the following rewritten text:

~~Production of Toner~~ Production of Toner

Please replace line 6 at page 87, with the following rewritten text:

~~Comparison of Cleaning Characteristics~~ Comparison of Cleaning Characteristics

Please replace line 23 at page 88, with the following rewritten text:

~~Evaluation of Transfer Rate~~ Evaluation of Transfer Rate

Please replace line 21 at page 89, with the following rewritten text:

~~Evaluation of Cleaning Characteristics~~ Evaluation of Cleaning Characteristics

Please replace line 1 at page 91, with the following rewritten text:

~~[Measurement of Resonance Frequency]~~ Measurement of Resonance Frequency

Please replace line 25 of page 91 to line 1 of page 92, with the following rewritten text:

~~[Frictional Resistance and Resonance Frequency]~~ Frictional Resistance and Resonance Frequency

Please replace lines 16-17 at page 100, with the following rewritten text:

~~[Cleaning Characteristics and Resonance Frequency]~~ Cleaning Characteristics and Resonance Frequency

Please replace line 22 at page 110, with the following rewritten text:

~~[Second Embodiment]~~ Second Embodiment